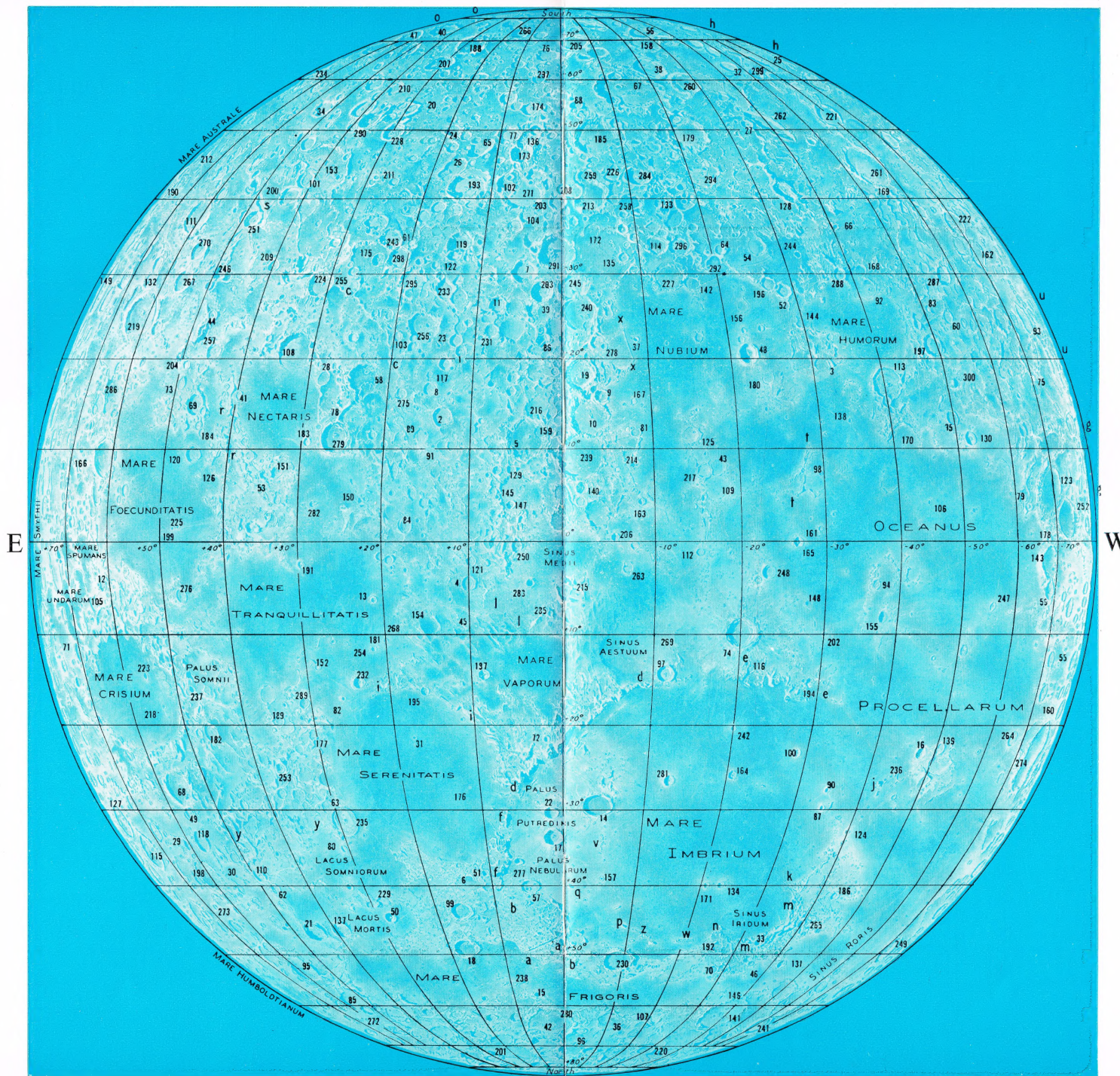


MOUNTAINS AND VALLEYS

- | | |
|-----------------------|-------------------|
| a. Alpine Valley | n. Laplace Prom. |
| b. Alps Mts. | o. Leibnitz Mts. |
| c. Altai Mts. | p. Pico |
| d. Apennine Mts. | q. Piton |
| e. Carpathian Mts. | r. Pyrenees Mts. |
| f. Caucasus Mts. | s. Rheita Valley |
| g. D'Alembert Mts. | t. Rhipaeus Mts |
| h. Doerfel Mts. | u. Rook Mts. |
| i. Haemus Mts. | v. Spitzbergen |
| j. Harbinger Mts. | w. Straight Range |
| k. Heraclesides Prom. | x. Straight Wall |
| l. Hyginus Cleft | y. Taurus Mts. |
| m. Jura Mts. | z. Teneriffe Mts. |

LUNAR CRATERS

- | | |
|------------------|--------------------|
| 1. Abenezra | 57. Cassini |
| 2. Abulfeda | 58. Catharina |
| 3. Agatharchides | 59. Cavalieri |
| 4. Agrippa | 60. Cavendish |
| 5. Albatengius | 61. Celsus |
| 6. Alexander | 62. Chloebus |
| 7. Alciensis | 63. Chacornac |
| 8. Almanon | 64. Cichus |
| 9. Alpetragius | 65. Clairaut |
| 10. Alphonus | 66. Clausius |
| 11. Apianus | 67. Clavius |
| 12. Apollonius | 68. Clodius |
| 13. Arago | 69. Colombo |
| 14. Archimedes | 70. Condamine |
| 15. Archytas | 71. Condorcet |
| 16. Aristarchus | 72. Conon |
| 17. Aristotle | 73. Cook |
| 18. Aristoteles | 74. Copernicus |
| 19. Arzachel | 75. Crüger |
| 20. Asclepi | 76. Curtius |
| 21. Atlas | 77. Cuvier |
| 22. Autolycus | 78. Cyrillus |
| 23. Azophi | 79. Damoiseau |
| 24. Baco | 80. Daniell |
| 25. Bailly | 81. Davy |
| 26. Barocius | 82. Dawes |
| 27. Bayer | 83. De Gasparis |
| 28. Beccaria | 84. Delambre |
| 29. Bernouilli | 85. De La Rue |
| 30. Berzelius | 86. Delaunay |
| 31. Bessel | 87. Delisle |
| 32. Bettinius | 88. Deluc |
| 33. Bianchini | 89. Descartes |
| 34. Biela | 90. Diophantus |
| 35. Billy | 91. Dollond |
| 36. Birmingham | 92. Doppelmayr |
| 37. Birt | 93. Eichstadt |
| 38. Blancanus | 94. Encke |
| 39. Blanchini | 95. Enderby |
| 40. Boguslawsky | 96. Epigenes |
| 41. Bohnenberger | 97. Eratosthenes |
| 42. Bond, W. C. | 98. Euclides |
| 43. Bonpland | 99. Euxodus |
| 44. Bond | 100. Euler |
| 45. Boscovich | |
| 46. Bouguer | 101. Fabricius |
| 47. Boussingault | 102. Faraday |
| 48. Bullialdus | 103. Fernalt |
| 49. Burckhard | 104. Finckel |
| 50. Bürg | 105. Firmicus |
| 51. Calippus | 106. Flamsteed |
| 52. Campanus | 107. Fontenelle |
| 53. Capella | 108. Fraacastorius |
| 54. Cardanus | 109. Fra Mauro |
| 55. Cardanus | 110. Franklin |
| 56. Casatus | 111. Fumerius |

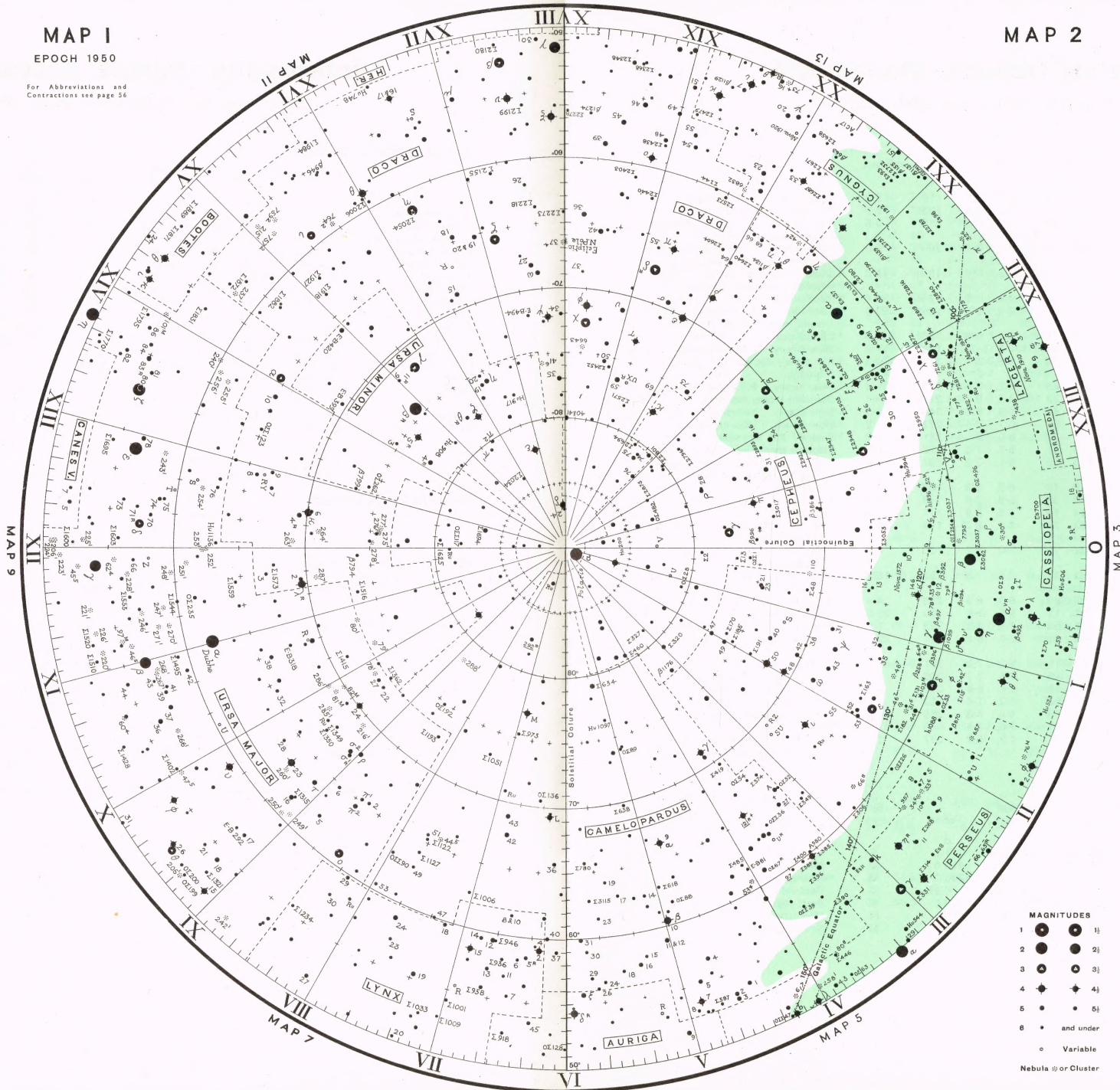


- | | |
|--------------------|-----------------------|
| 112. Gambart | 208. Nasiredin |
| 113. Gassendi | 209. Neander |
| 114. Gauricus | 210. Nearchus |
| 115. Gauss | 211. Nicolai |
| 116. Gay-Lussac | |
| 117. Geber | 212. Oken |
| 118. Geminus | 213. Orontius |
| 119. Gemma Frisius | |
| 120. Goclenius | 214. Palisa |
| 121. Godin | 215. Pallas |
| 122. Goodacre | 216. Parrot |
| 123. Grimaldi | 217. Parry |
| 124. Gruithuisen | 218. Peirce |
| 125. Guericke | 219. Petavius |
| 126. Gutenberg | 220. Philolaus |
| | 221. Phocylides |
| 127. Hahn | 222. Piazzi |
| 128. Hainzel | 223. Picard |
| 129. Halley | 224. Piccolomini |
| 130. Hansen | 225. Pickering, W. H. |
| 131. Harpalus | 226. Pictet |
| 132. Hase | 227. Pitatus |
| 133. Heinsius | 228. Pitiscus |
| 134. Helicon | 229. Plana |
| 135. Hell | 230. Plato |
| 136. Heraclitus | 231. Playfair |
| 137. Hercules | 232. Plinius |
| 138. Heronius | 233. Pontanus |
| 139. Herodotus | 234. Pontécoulant |
| 140. Herschel | 235. Pontécoulant |
| 141. Herschel, J. | 236. Prinz |
| 142. Hesiodus | 237. Proclus |
| 143. Hevelius | 238. Protogoras |
| 144. Hippalus | 239. Ptolemaeus |
| 145. Hipparchus | 240. Purbach |
| 146. Horrebow | 241. Pythagoras |
| 147. Horrocks | 242. Pythas |
| 148. Hortensius | |
| 149. Humboldt, W. | 243. Rabbi Levi |
| 150. Hypatia | 244. Ramsden |
| | 245. Regiomontanus |
| 151. Isidorus | 246. Reichenbach |
| | 247. Reiner |
| 152. Jansen | 248. Reinhold |
| 153. Janssen | 249. Repsold |
| 154. Julius Caesar | 250. Rheticus |
| | 251. Rheita |
| 155. Kepler | 252. Riccioli |
| 156. Kies | 253. Römer |
| 157. Kirch | 254. Ross |
| 158. Klapproth | 255. Rothmann |
| 159. Klein | |
| 160. Kraft | 256. Sacrobosco |
| | 257. Santacbe |
| 161. Landsberg, C. | 258. Sarrasien |
| 162. Lagrange | 259. Saussure |
| 163. Lalande | 260. Scheiner |
| 164. Lambert | 261. Schickard |
| 165. Landsberg | 262. Schiller |
| 166. Langrenus | 263. Schröter |
| 167. Lassell | 264. Seleucus |
| 168. Lee | 265. Sharp |
| 169. Lehmann | 266. Simpelius |
| 170. Letronne | 267. Snellius |
| 171. Leverrier | 268. Sosigenes |
| 172. Lexell | 269. Stadius |
| 173. Licetus | 270. Stevinus |
| 174. Lilius | 271. Stöfler |
| 175. Lindenau | 272. Strabo |
| 176. Linné | 273. Struve |
| 177. Littrow | 274. Struve, Otto |
| 178. Lohrmann | |
| 179. Longomontanus | 275. Tacitus |
| 180. Lubnizky | 276. Tarantius |
| | 277. Theopetius |
| 181. Maclear | 278. Thebit |
| 182. Macrobius | 279. Theophilus |
| 183. Madler | 280. Timeus |
| 184. Magelhaens | 281. Timocharis |
| 185. Maginus | 282. Torricelli |
| 186. Maïran | 283. Triestreeker |
| 187. Manilius | 284. Tycho |
| 188. Manzinus | |
| 189. Maraldi | 285. Ukert |
| 190. Marinus | |
| 191. Maskelyne | 286. Vendelinus |
| 192. Maupertius | 287. Vieta |
| 193. Maurolycus | 288. Vitello |
| 194. Mayer, Tobias | 289. Vitruvius |
| 195. Menelaus | 290. Vlacq |
| 196. Mercator | |
| 197. Mersenius | 291. Walter |
| 198. Messala | 292. Weiss |
| 199. Messier | 293. Werner |
| 200. Metius | 294. Wilhelm, I. |
| 201. Meton | 295. Wilkins |
| 202. Milichius | 296. Wurzelbauei |
| 203. Miller | |
| 204. Monge | 297. Zach |
| 205. Moretus | 298. Zagut |
| 206. Mösting | 299. Zuchius |
| 207. Mutus | 300. Zupus |













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For Abbreviations and
Contractions see page 56

MAP 2



MAGNITUDES

1			1½
2			2½
3			3½
4			4½
5			5½
6			and under
			Variable
			Nebula or Cluster

MAP 3

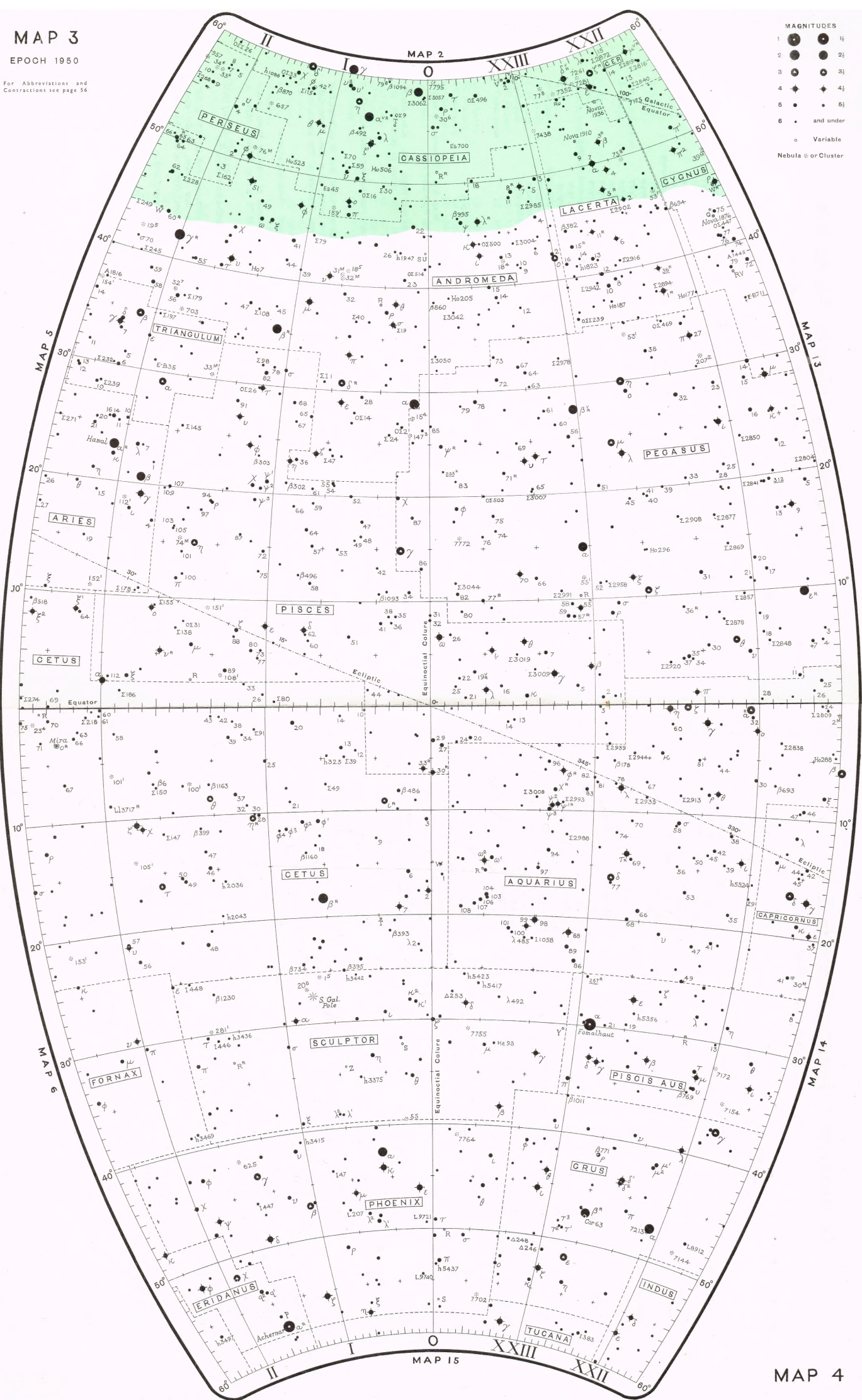
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For Abbreviations and Contractions see page 36

MAP 2

MAGNITUDES

1	2	3	4	5	6	and under	Variable	Nebula or Cluster
---	---	---	---	---	---	-----------	----------	-------------------



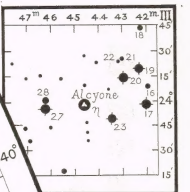
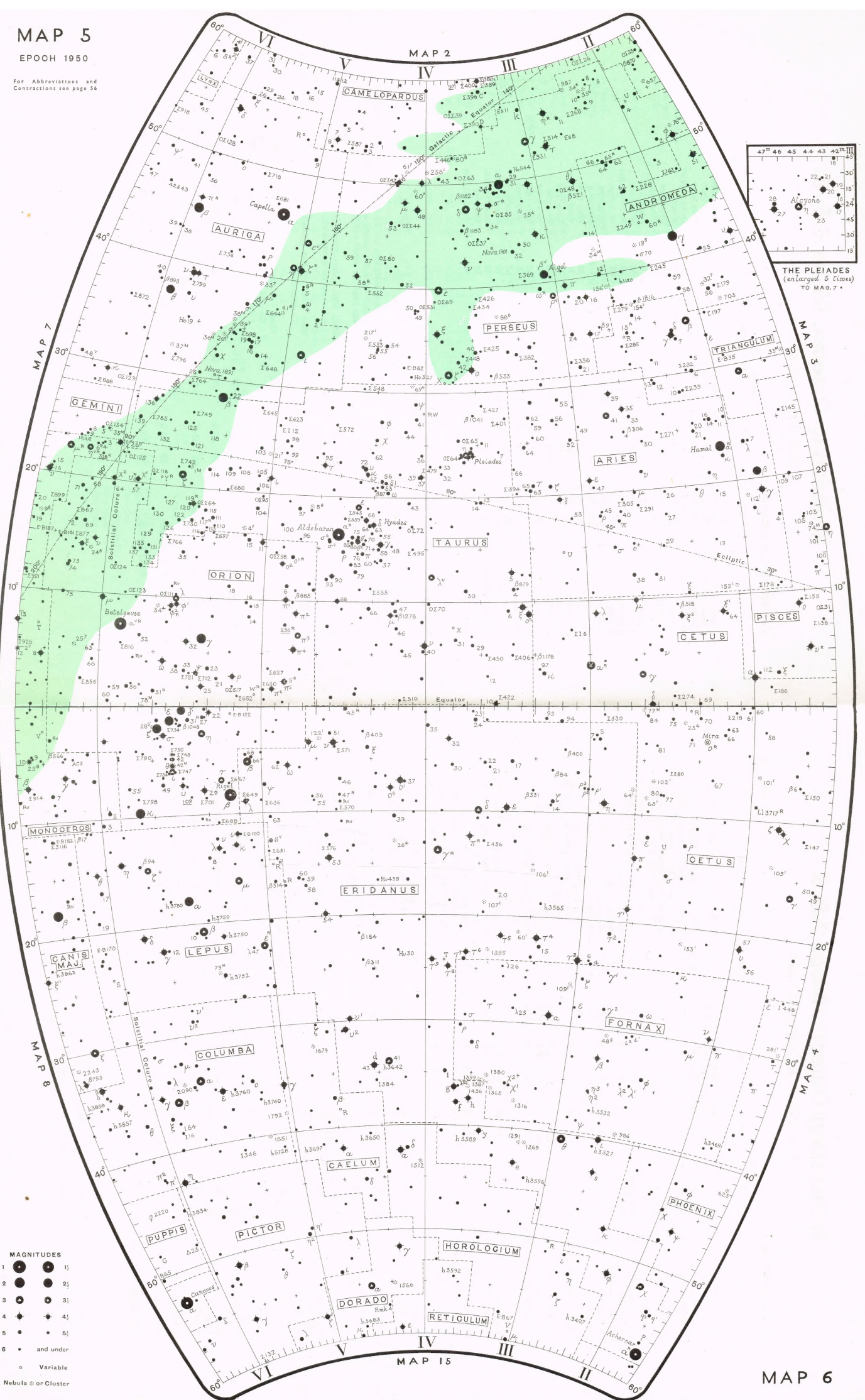
MAP 4

MAP 5

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For Abbreviations and Contractions see page 56

MAP 2



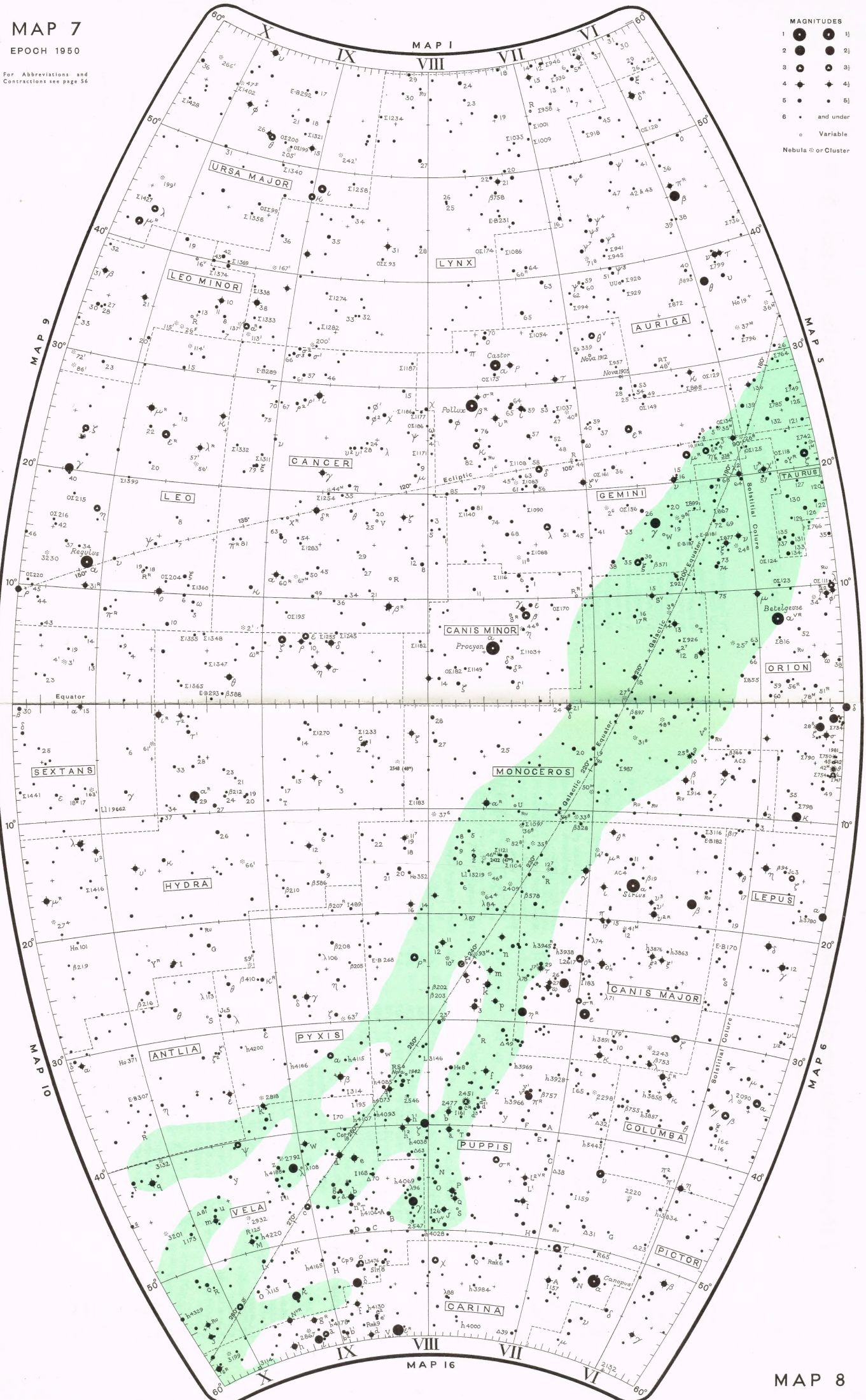
MAP 6

MAP 7

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For Abbreviations and Contractions see page 56

MAGNITUDES
1 2 3 4 5 6 and under
Variable
Nebula or Cluster



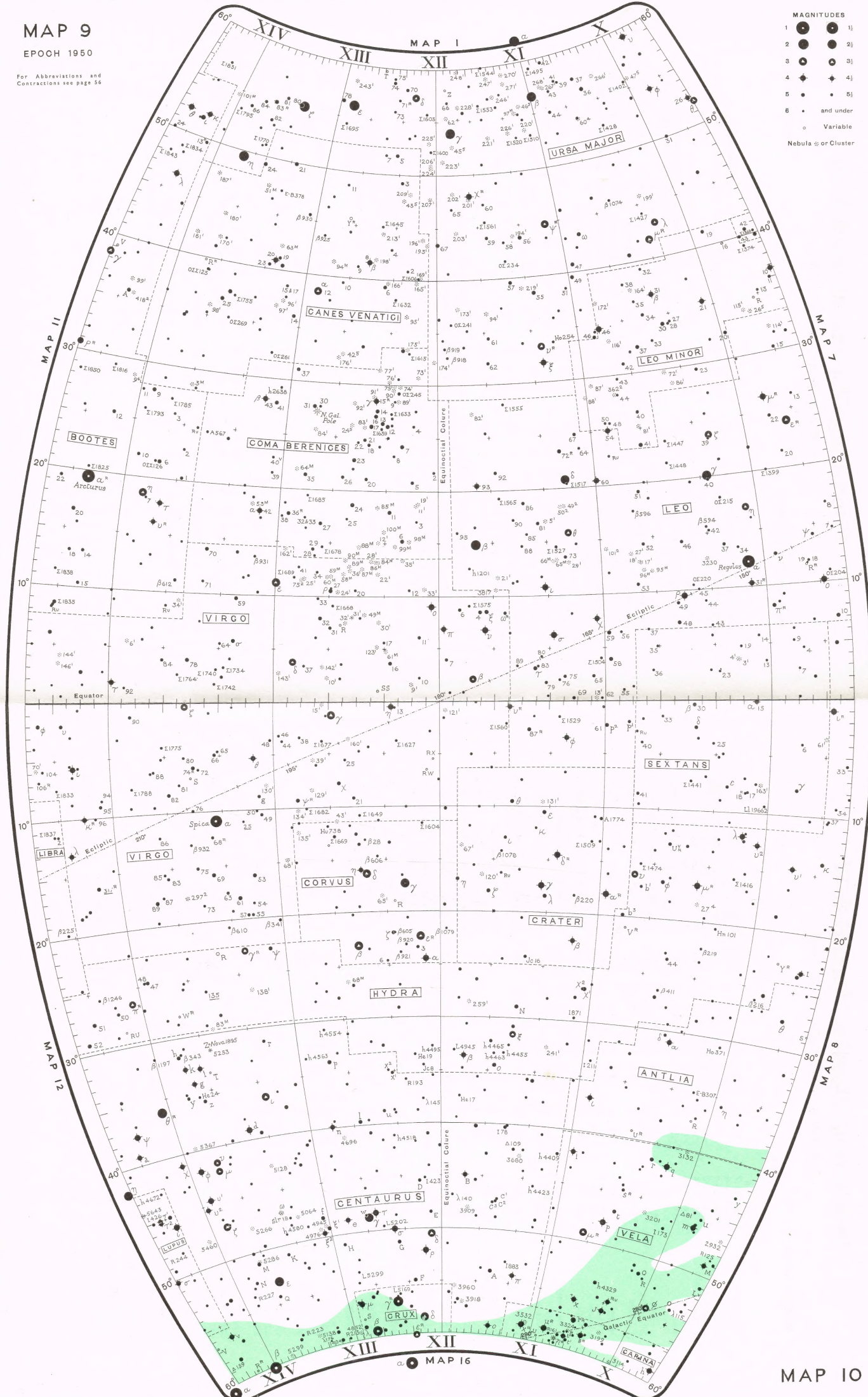
MAP 8

MAP 9

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For Abbreviations and Contractions see page 56

- MAGNITUDES
- 1 ●
 - 2 ●
 - 3 ●
 - 4 ●
 - 5 ●
 - 6 ●
 - and under
 - Variable
 - Nebula ☁ or Cluster

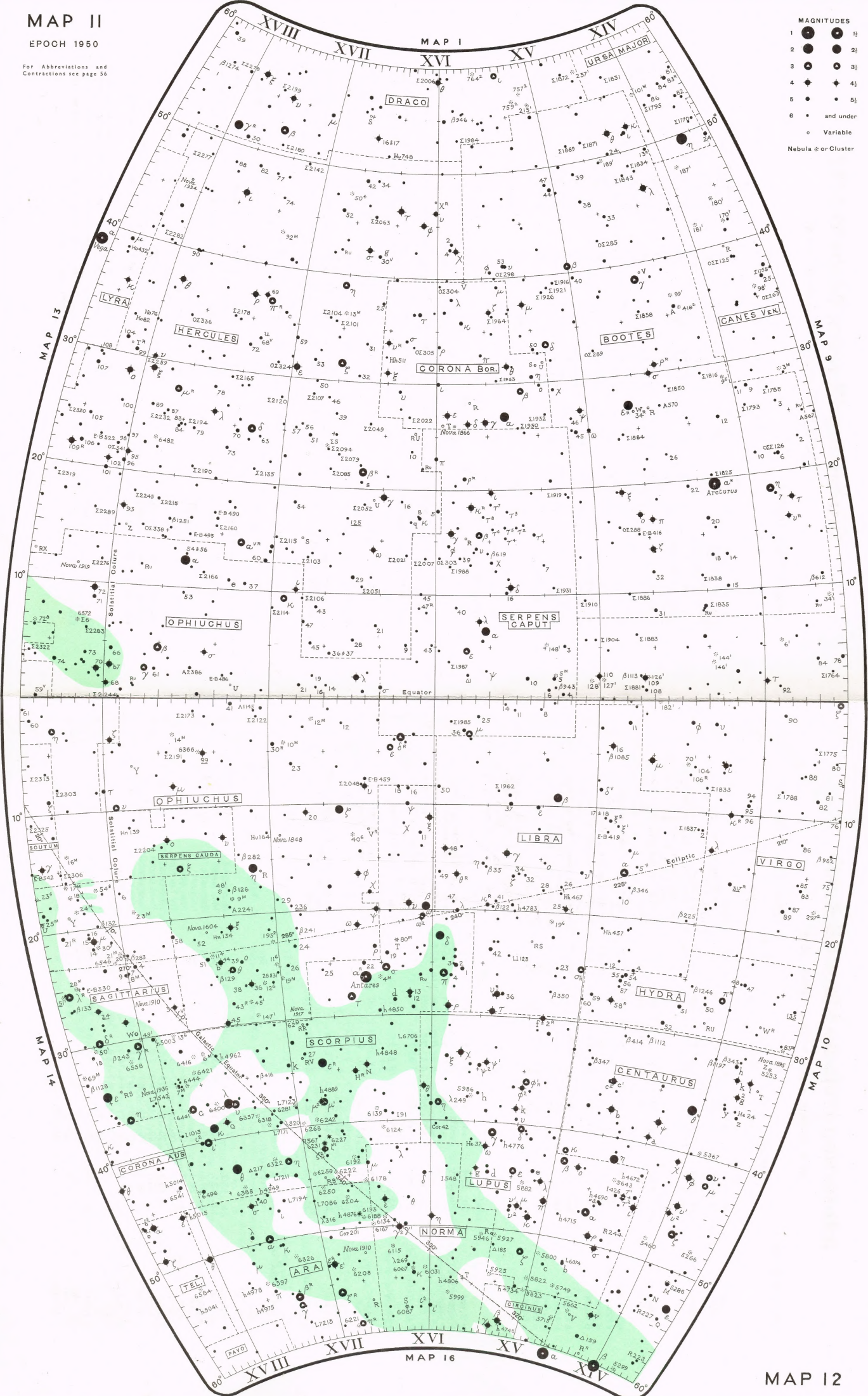


MAP II

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For Abbreviations and Contractions see page 56

MAGNITUDES
1 ● ● 1
2 ● ● 2
3 ● ● 3
4 ● ● 4
5 ● ● 5
6 ● and under
○ Variable
Nebula ☉ or Cluster




MAP 12

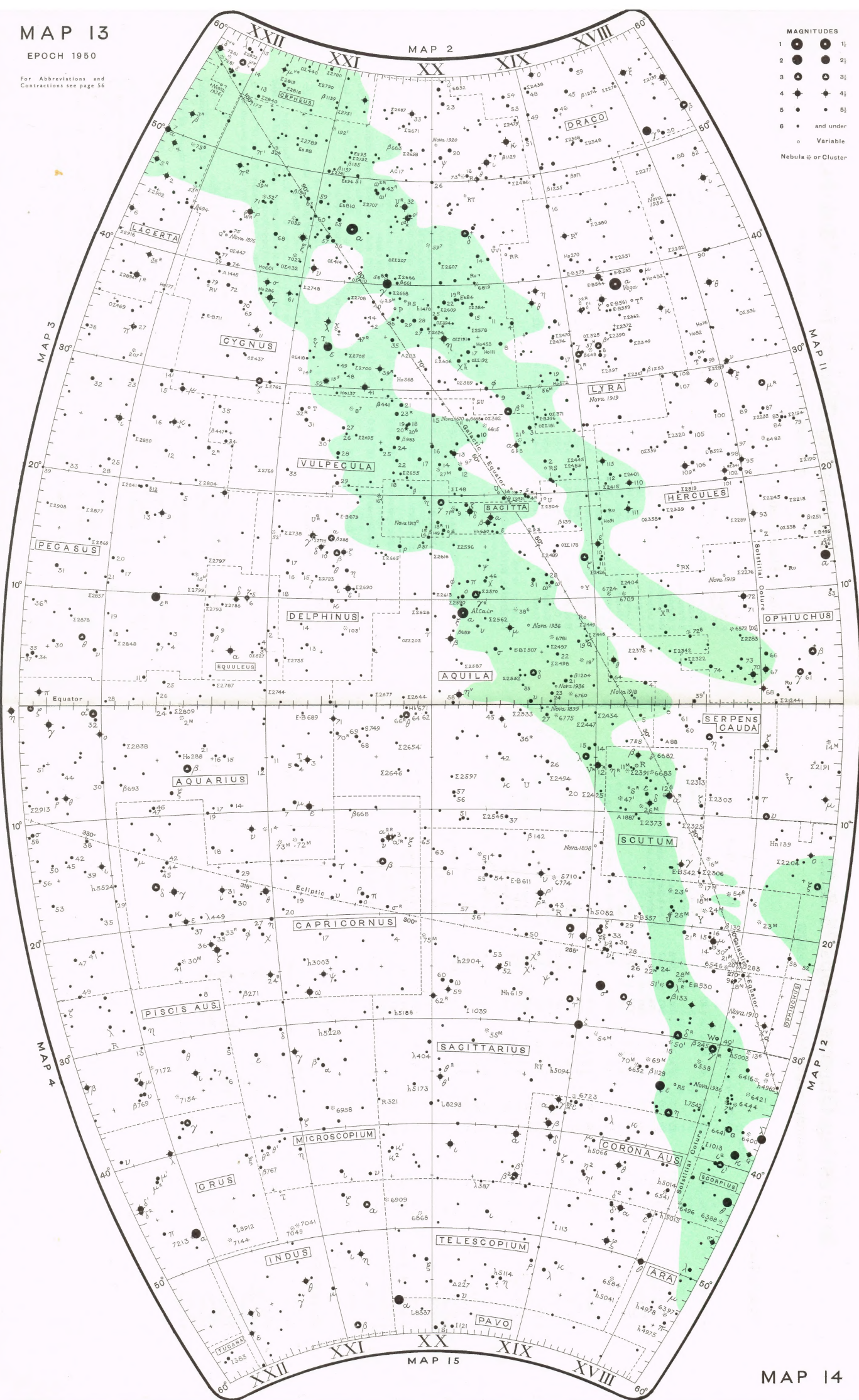
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For Abbreviations and Contractions see page 56

MAP 2

MAGNITUDES

- | | | | |
|---|---|---|----|
| 1 |  |  | 1½ |
| 2 |  |  | 2½ |
| 3 |  |  | 3½ |
| 4 |  |  | 4½ |
| 5 |  |  | 5½ |
| 6 |  | and under | |
| |  | Variable | |
- Nebula ☼ or Cluster



MAP 14

MAP 15

EPOCH 1950

For Abbreviations and Contractions see page 56

